

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO. 20220105 – IN0032191 – D
DATE OF NOTICE: JANUARY 5, 2022
DATE RESPONSE DUE: FEBRUARY 7, 2022

The Office of Water Quality proposes the following NPDES DRAFT PERMIT:

MAJOR – MODIFICATION

FORT WAYNE (city) P.L. BRUNNER WATER POLLUTION CONTROL PLANT, Permit No. IN0032191, ALLEN COUNTY, 2601 Dwenger Avenue, Fort Wayne, IN. This modification increases the plant design flow from 60 to 74 MGD based on re-rating letter from IDEM. Permit Manager: John Donnellan, 317/234-0865, jdonnell@idem.in.gov. Posted online at <https://www.in.gov/idem/public-notices/>.

PROCEDURES TO FILE A RESPONSE

Draft can be viewed or copied (10¢ per page) at IDEM/OWQ NPDES PS, 100 North Senate Avenue, (Rm 1203) Indianapolis, IN, 46204 (east end elevators) from 9 – 4, Mon - Fri, (except state holidays). A copy of the Draft Permit is on file at the local County Health Department. Please tell others you think would be interested in this matter. For your rights & responsibilities see these sites: Public Notices: <https://www.in.gov/idem/public-notices/>; Citizen Guide: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. Please tell others whom you think would be interested in this matter.

Response Comments: The proposed decision to issue a permit is tentative. Interested persons are invited to submit written comments on the Draft permit. All comments must be postmarked no later than the Response Date noted to be considered in the decision to issue a Final permit. Deliver or mail all requests or comments to the attention of the Permit Writer at the above address, (mail code 65-42 PS).

To Request a Public Hearing:

Any person may request a Public Hearing. A written request must be submitted to the above address on or before the Response Date noted. The written request shall include: the name and address of the person making the request, the interest of the person making the request, persons represented by the person making the request, the reason for the request and the issues proposed for consideration at the Hearing. IDEM will determine whether to hold a Public Hearing based on the comments and the rationale for the request. Public Notice of such a Hearing will be published in at least one newspaper in the geographical area of the discharge and sent to anyone submitting written comments and/or making such request and whose name is on the mailing list at least 30 days prior to the Hearing.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

January 5, 2022

VIA ELECTRONIC MAIL

The Honorable Thomas Henry, Mayor
City of Fort Wayne
200 East Berry Street
Fort Wayne, Indiana 46802

Dear Mayor Henry:

Re: 2nd Public Notice of Draft Modification of NPDES
Permit No. IN0032191 for the City of Fort Wayne -
P.L. Brunner Water Pollution Control Facility
Allen County

Your application and supporting documents have been reviewed and processed in accordance with rules adopted under 327 IAC 5. Due to substantive changes made to the draft permit modification during the public notice period, this office proposes to public notice the permit modification for a second time. Enclosed is the second draft modification of NPDES Permit No. IN0032191 which applies to the discharge from the City of Fort Wayne - P.L. Brunner Water Pollution Control Facility.

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <https://www.in.gov/idem/public-notice/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. A 30-day comment period is available in order to solicit input from interested parties, including the general public.

Please review this document carefully and become familiar with the proposed terms and conditions. Comments concerning the draft permit should be submitted in accordance with the procedure outlined in the enclosed public notice form. Questions concerning this draft permit may be addressed to John Donnellan of my staff, at 317-234-0865 or jdonnell@idem.IN.gov.

Sincerely,

Leigh Voss, Chief
Municipal NPDES Permits Section
Office of Water Quality

Enclosures

cc: Chris Gach, Certified Operator
Brandi Wallace
Brian Robinson

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AMENDED AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., the "Clean Water Act") or (CWA), and IDEM's authority under IC 13-5, the Indiana Department of Environmental Management (IDEM) is issuing this permit to the

CITY OF FORT WAYNE

hereinafter referred to as "the permittee." The permittee owns and/or operates the **P.L. Brunner Water Pollution Control Plant**, a major municipal wastewater treatment plant located at 2601 Dwenger Avenue, Fort Wayne, Indiana, Allen County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters named the Maumee River, located in the Lake Erie drainage basin, in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in the permit. The permittee is also authorized to discharge from combined sewer overflow outfalls listed in Attachment A of this permit, to receiving waters named the Maumee River, an unnamed ditch to the Maumee River, Wigman Drain, the St. Mary's River, the St. Joseph River, Spy Run Creek, Natural Drain #4, and Baldwin Ditch in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in this permit. This permit may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

The permit, as issued on February 18, 2021 is hereby amended as contained herein. The amended provisions shall become effective on _____. All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the modifications will remain in effect until the modified provisions become effective.

This permit and authorization to discharge, as amended, shall expire at midnight, February 28, 2026. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and forms as are required by the Indiana Department of Environmental Management no later than 180 days prior to the date of expiration.

Issued on _____ for the Indiana Department of Environmental Management.

Jerry Dittmer, Chief
Permits Branch
Office of Water Quality

TREATMENT FACILITY DESCRIPTION

The permittee owns and operates the P.L. Brunner Water Pollution Control Plant (WPCP), a 74 MGD, Class IV, conventional activated sludge wastewater treatment facility. The facility recently received a capacity rating modification from 60 MGD to 74 MGD based on a December 2, 2020 letter from IDEM. The WPCP consists of preliminary screening, raw wastewater pumping, grit removal, phosphorus removal, primary clarification, activated sludge/nitrification, secondary clarification, effluent chlorination and dechlorination, optional tertiary treatment via a terminal polishing pond (Pond #3) and an effluent pump station. The final effluent discharge occurs from either the effluent pump station through the Pond #3 diversion pipe; Pond #3; or both at a location designated as Outfall 001. Solids are anaerobically digested.

The collection system includes sections that are separate sanitary sewers and storm sewers and other, older sections that are combined sanitary and storm sewers. The combined sewer portions of the collection system include thirty-nine (39) Combined Sewer Overflows (CSOs), identified and permitted in Attachment A of this permit.

There are two (2) additional ponds, known as Wet Weather Ponds 1 and 2 (formerly known as CSO Ponds Nos. 1 and 2), which were designed and constructed for the collection, storage, and treatment of wet weather flows from the collection system in excess of the WPCP's capacity. Wet weather flows are pumped into WW Pond 1 through a Wet Weather Pumping Station, which includes a screening facility to remove most floatables/debris from the raw wastewater. Wastewater stored in the WW Ponds are conveyed to the WPCP as treatment capacity becomes available as a wet weather event subsides. This is referred to in this permit as the WW Pond Storage and Transport System. Wet weather flows that exceed the storage capacity of the WW Ponds are discharged to the Maumee river from Pond 2 via Outfall 002 and/or from Pond 1 via Outfall 003.

The WPCP serves most areas of the City of Fort Wayne and other unincorporated areas of Allen County. Its current customers include New Haven, General Motors, Leo-Cedarville, Grabill, Maysville, Institutional Power Plant, and Allen County Sewer District (which includes Arcola, Berneway, Canyon Run, Mayhew, Riverhaven and Southern Service Area).

The mass limits for CBOD₅, TSS, ammonia-nitrogen and total residual chlorine have been calculated utilizing the peak hydraulic flow of 100 MGD. This is to facilitate the maximization of flow through the treatment facility in accordance with this Office's CSO policy.

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The permittee is authorized to discharge from the outfall listed below in accordance with the terms and conditions of this permit. The permittee shall take samples and measurements at a location representative of each discharge to determine whether the effluent limitations have been met. Refer to Part I.B of this permit for additional monitoring and reporting requirements.

- Beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 001, which is located at Latitude: 41° 04' 39" N, Longitude: 85° 05' 52" W. In the event that the terminal polishing pond (Pond #3) is taken out of service for essential maintenance or other reasons, after notification in accordance with Part II.B.2.d. of the permit, the permittee is authorized to use WW Pond #2 as a temporary terminal polishing pond in lieu of Pond #3. During the period that WW Pond #2 is used as a final polishing pond in lieu of Pond #3, WW Pond #2 will be disconnected from WW Pond #1 and the discharge from WW Pond #2 (Outfall 002) located at Latitude: 41° 04' 50" N, Longitude: 85° 05' 59" W will be subject to the same conditions and effluent limitations as are applicable to discharges from Outfall 001. The discharge is subject to the following requirements:

TABLE 1

Parameter	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
	Monthly Average	Weekly Average	Units	Monthly Average	Weekly Average	Units	Measurement Frequency	Sample Type
Flow [1]	Report	----	MGD	----	----	----	Daily	24-Hr. Total
CBOD ₅	4,173	6,259	lbs/day	5	7.5	mg/l	Daily	24-Hr. Comp.
TSS	8,345	12,518	lbs/day	10	15	mg/l	Daily	24-Hr. Comp.
Ammonia-nitrogen								
Summer [2]	918	1,419	lbs/day	1.1	1.7	mg/l	Daily	24-Hr. Comp.
Winter [3]	1,335	2,003	lbs/day	1.6	2.4	mg/l	Daily	24-Hr. Comp.
Phosphorus [4]	Report	----	lbs/day	1.0	----	mg/l	Daily	24-Hr. Comp.
Nitrogen, Total (as N) [5]	Report	----	lbs/day	Report	----	mg/l	Monthly	24-Hr. Comp.

TABLE 2

Parameter	Quality or Concentration				Monitoring Requirements	
	Daily Minimum	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
pH [6]	6.0	----	9.0	s.u.	Daily	Grab
Dissolved Oxygen [7]	7.0	----	----	mg/l	Daily	4 Grabs/24-Hrs.
<i>E.coli</i> [8]	----	125 [9]	235 [10]	cfu/100 ml	Daily	Grab

3. Additional Discharge Limitations and Monitoring Requirements

Beginning on the effective date of the permit, the permittee is authorized to discharge from Outfall 001, which is located at Latitude: 41° 04' 39" N, Longitude: 85° 05' 52" W In the event that the terminal polishing pond (Pond #3) is taken out of service for essential maintenance or other reasons, after notification in accordance with Part II.B.2.d. of the permit, the permittee is authorized to use WW Pond #2 as a temporary terminal polishing pond in lieu of Pond #3. During the period that WW Pond #2 is used as a final polishing pond in lieu of Pond #3, WW Pond #2 will be disconnected from WW Pond #1 and the discharge from WW Pond #2 (Outfall 002) located at Latitude: 41° 04' 50" N, Longitude: 85° 05' 59" W) will be subject to the same conditions and effluent limitations as are applicable to discharges from Outfall 001. The discharge is subject to the following additional limitations and monitoring requirements:

TABLE 4

Parameter	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
	Monthly Average	Daily Maximum	Units	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Cadmium [1]	----	Report	lbs/day	----	Report	mg/l	Quarterly	24 Hr. Comp.
Chromium [1]	----	Report	lbs/day	----	Report	mg/l	Quarterly	24 Hr. Comp.
Copper [1]	----	Report	lbs/day	----	Report	mg/l	Quarterly	24 Hr. Comp.
Cyanide [1]	----	Report	lbs/day	----	Report	mg/l	Quarterly	Grab
Lead [1]	----	Report	lbs/day	----	Report	mg/l	Quarterly	24 Hr. Comp.
Mercury [1][2]								
WQBELS	0.00080	0.0020	lbs/day	1.3	3.2	ng/l	6 X Annually	Grab
Interim Discharge Limit [3] [4]	----	----	----	1.8	Report	ng/l	6 X Annually	Grab
Nickel [1]	----	Report	lbs/day	----	Report	mg/l	Quarterly	24 Hr. Comp.
Zinc [1]	----	Report	lbs/day	----	Report	mg/l	Quarterly	24 Hr. Comp.

NOTE: For measurement frequencies less than once per month, the permittee shall report the result from the monitoring period on the Discharge Monitoring Report (DMR) for the final month of the reporting timeframe, beginning with January of each year. For example, for quarterly monitoring, the permittee may conduct sampling within the month of January, February or March. The result from this reporting timeframe shall be reported on the March DMR, regardless of which of the months within the quarter the sample was taken.

[1] The permittee shall measure and report this parameter as Total Recoverable Metal. Cyanide shall be reported as Free Cyanide or Cyanide Amenable to Chlorination.

The following EPA test methods and/or Standard Methods and associated Limits of Detection (LODs) and Limits of Quantitation (LOQs) are recommended for use in the analysis of the effluent samples. Alternative 40 CFR 136 approved methods may be used provided the LOD is less than the monthly average and/or daily maximum effluent limitations.

- b. The person seeking to discharge the hauled or trucked pollutants into the treatment works possesses a valid wastewater management permit and valid vehicle licenses, as required by IDEM;
- c. The pollutants that are introduced are limited to domestic sanitary wastewaters;
 - (1) The introduction of trucked or hauled industrial wastewaters into the treatment works is prohibited, unless the permittee receives approval per (2) below;
 - (2) The permittee must notify and receive approval of the department prior to the acceptance of the industrial wastewater in accordance with Part II.A.3, Part II.C.1 and Part II.C.10 of this permit;
- d. The pollutants are introduced into the treatment works via a discharge point designated by the permittee.

14. Hauled Waste Requirements

In the event that the permittee allows the introduction of trucked or hauled pollutants under the conditions specified in item 13 above, the permittee shall:

- a. Obtain and retain, for a minimum of forty-eight hours, samples that are representative of the hauled or trucked pollutants;
- b. Analyze the samples obtained pursuant to item “a” above in the event that the permittee believes or has reason to believe that the hauled or trucked pollutants may be causing and/or contributing to pass-through and/or interference;
- c. Maintain records, for each discharge of trucked or hauled pollutants into the treatment works, of the following:
 - (1) Name of the person discharging the trucked or hauled pollutants;
 - (2) Wastewater management permit number (if applicable) and vehicle license number and expiration date;
 - (3) Origination, volume, and nature of the trucked or hauled pollutants;
 - (4) Date and time of the discharge;
 - (5) Any sampling conducted; and
 - (6) Analytical Results, if any.

This office considers the permittee’s hauled waste protocol, as shown in Attachment 1 of the Fact Sheet, to be sufficient to satisfy all requirements of Parts II.C.13 and 14.

ATTACHMENT A

Precipitation Related Combined Sewer Overflow Discharge Authorization Requirements

I. Discharge Authorization

Combined Sewer Overflows are point sources subject to both technology-based and water quality-based requirements of the Clean Water Act and state law. The permittee is authorized to have wet weather discharges from outfall(s) listed below subject to the requirements and provisions of this permit, including Attachment A.

Outfall	Location	Receiving Water
002	Q06-104, 3,350' west of Coliseum Blvd., 3,500' south of Lake Ave 41° 04' 50" N 85° 05' 59" W	Maumee River
003	P10-025, 900' east of Pemberton Drive, 1,600' south of Lake Avenue 41° 05' 07" N 85° 06' 32" W	Wigman Drain
004	J02-090, 210' south of bridge at W. Jefferson & St. Mary's River 41° 04' 16" N 85° 09' 44" W	Saint Mary's River
005	J11-164, 210' southeast of Manito Blvd., and Indiana Village Blvd. 41° 02' 50" N 85° 09' 59" W	Saint Mary's River
007	K03-092, 250' Southeast of Electric Ave. & Brown St. 41° 03' 59" N 85° 09' 41" W	Saint Mary's River
011	K06-233, 230' Southeast of Main St. & Camp Allen Dr. 41° 04' 42" N 85° 09' 17" W	Saint Mary's River
012	K06-234, 230' Southeast of Main St. and Camp Allen Dr. 41° 04' 42" N 85° 09' 17" W	Saint Mary's River
013	K06-298, 80' North of Thieme Dr. & Berry St. 41° 04' 37" N 85° 09' 22" W	Saint Mary's River
017	K07-176, 130' Southwest of St. Mary's Pkwy & Waldron Circle 41° 03' 29" N 85° 09' 32" W	Saint Mary's River
018	K11-165, 150' West of Broadway & Rudisill Blvd. 41° 03' 00" N 85° 09' 28" W	Saint Mary's River

Outfall	Location	Receiving Water
020	K15-116, 1300' West of Hartman Rd. & Westover Rd. 41° 02' 33" N 85° 09' 41" W	Saint Mary's River
021	K19-044, 850' West of Old Mill Rd. & Fairfax Ave. 41° 01' 57" N 85° 09' 05" W	Saint Mary's River
023	L06-103, 90' Northwest of Jackson St. & Superior St. 41° 04' 47" N 85° 09' 09" W	Saint Mary's River
024	L06-420, 220' North of Superior St. & Fairfield Ave. 41° 04' 54" N 85° 08' 48" W	Saint Mary's River
025	L06-421, 220' North of Superior St. & Fairfield Ave. 41° 04' 54" N 85° 08' 49" W	Saint Mary's River
027	M10-202, 200' Southeast of Third St. & Calhoun St. 41° 05' 11" N 85° 08' 30" W	Saint Mary's River
028	M10-238, 150' East of Saint Mary's River Bridge & Spy Run Ave. 41° 05' 02" N 85° 08' 07" W	Saint Mary's River
029	M10-265, 230' East of Duck St. & Barr St. 41° 05' 02" N 85° 08' 13" W	Saint Mary's River
032	M10-306, 120' North of Clair St. & Harrison St. 41° 05' 01" N 85° 08' 33" W	Saint Mary's River
033	M10-313, 200' Southeast of Third St. & Calhoun St. 41° 05' 11" N 85° 08' 30" W	Saint Mary's River
036	M18-032, 520' North of State Blvd. & Westbrook Dr. 41° 05' 52" N 85° 08' 34" W	Spy Run Creek
039	N06-022, 120' North of Hanna St. & Berry St. 41° 04' 50" N 85° 07' 48" W	Maumee River
044	N22-093, 150' East of Dalgren Ave & Spy Run Ave. 41° 06' 15" N 85° 08' 00" W	Saint Joseph River
045	N22-103, 100' East of Penn St. & Spy Run Ave. 41° 06' 19" N 85° 07' 58" W	Saint Joseph River

Outfall	Location	Receiving Water
048	O10-252, 350' West of Edgewater & Garfield 41° 05' 10" N 85° 07' 03" W	Maumee River
050	O10-277, 100' North of Coombs St. & Herbert St. 41° 05' 03" N 85° 07' 21" W	Maumee River
051	O22-002, 120' Northwest of St. Joseph Dr. & Woodrow Ave. 41° 06' 41" N 85° 07' 03" W	Saint Joseph River
052	O22-004, 370' West of N. Anthony Blvd. & St. Joseph River Dr. 41° 06' 43" N 85° 06' 32" W	Saint Joseph River
054	O23-080, 240' East of Mercer Ave. & Hollis Ln. 41° 01' 41" N 85° 07' 07" W	Natural Drain #4
055	P06-192, 430' North of N. Anthony Blvd. & Wayne St. 41° 04' 52" N 85° 06' 53" W	Maumee River
056	J03-313, Brown Street Pump Station 41° 05' 06" N 85° 06' 32" W	Saint Mary's River
057	P10-121, Stormwater Liftstation Wet Well 41° 05' 02" N 85° 06' 28" W	Maumee River
060	R06-031, 670' Northeast of Greenwalt Ave. & Maumee Ave. 41° 04' 37" N 85° 05' 39" W	Unnamed Ditch to Maumee River
061	R14-137, 200' West of Lavern Ave. & State Blvd. 41° 05' 50" N 85° 05' 40" W	Baldwin Ditch
062	R14-138, 200' West of Lavern Ave. & State Blvd. 41° 05' 50" N 85° 05' 40" W	Baldwin Ditch
064	S02-035, 610' Southeast of Coliseum Blvd. S. & New Haven Ave. 41° 04' 16" N 85° 05' 11" W	Unnamed Ditch to Maumee River
068	N18-254, 54' North of Northside Dr. & Glazier Ave. on east bank 41° 06' 03" N 85° 08' 00" W	St. Joseph River
080	P10-001, 250' East, NE of Pemberton Dr. & Niagra Dr. 41° 04' 57" N 85° 06' 44" W	Maumee River

Outfall	Location	Receiving Water
081	R14-032, 200' North and 710' West of Nevada & Laverne Dr. 41° 05' 37" N 85° 05' 46" W	Baldwin Ditch

Monitoring for the purpose of reporting on the CSO Monthly Report of Operation (State Form 50546 (R4/9-15)) shall be conducted at a location representative of untreated CSO discharges. Monitoring from a CSO regulator structure contributing flow to the CSO outfall is acceptable provided flows at this location are representative and comprised of untreated CSO flows ultimately discharged through the CSO outfall. Monitoring at the CSO outfall is considered representative except in those instances where non-CSO flows (treated effluents, separate stormwater, etc.) are also discharged through a common outfall. All non-CSO flows shall be excluded from reporting on the CSO Monthly Report of Operation.

II. Wet Weather Pond Storage and Transport System

- A. The permittee shall maximize, to the extent reasonably feasible, the storage in the WW Ponds of excess wet weather combined sewage flows and the transport of such stored wastewater through the Baldwin Interceptor and/or the Maumee Interceptor to the wastewater treatment facility for treatment.
- B. Any time the conveyance of wet weather combined sewage to the WW Ponds exceeds the capacity of those ponds, excess combined sewage from the WW Pond system will overflow and be discharged from one or more of Outfalls 002, 003 and 057, subject to the conditions of Attachment A.

III. Minimum Narrative Limitations

- A. At all times the discharge from any and all CSO outfalls herein shall not cause receiving waters:
 1. including the mixing zone, to contain substances, materials, floating debris, oil, scum, or other pollutants:
 - a. that will settle to form putrescent or otherwise objectionable deposits;
 - b. that are in amounts sufficient to be unsightly or deleterious;
 - c. that produce color, visible oil sheen, odor, or other conditions in such a degree as to create a nuisance;
 - d. which are in amounts sufficient to be acutely toxic to, or otherwise severely injure or kill aquatic life, other animals, plants, or humans;
 - e. which are in concentrations or combinations that will cause or contribute to the



**National Pollutant Discharge Elimination System
Fact Sheet for the
Fort Wayne P.L. Brunner Water Pollution Control Plant**

Draft PN1: September 9, 2021

Draft PN2: December 21, 2021

Final: TBD

Indiana Department of Environmental Management

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

Permittee:	City of Fort Wayne The Honorable Thomas Henry, Mayor 200 East Berry Street Fort Wayne, Indiana 46802 mayor@cityoffortwayne.org 260-427-8311
Existing Permit Information:	Permit Number: IN0032191 Expiration Date: February 28, 2026
Facility Contact:	Chris Gach, Certified Operator Chris.Gach@cityoffortwayne.org 260-427-2405
Facility Location:	2601 Dwenger Avenue Fort Wayne, Indiana 46803 Allen County
Receiving Stream:	Maumee River
GLI/Non-GLI:	GLI
Proposed Permit Action:	Modification
Date Application Received:	August 9, 2021
Facility Category	NPDES Major Municipal
Permit Writer:	John Donnellan, Senior Environmental Manager jdonnell@idem.in.gov 317-234-0865

Outfall Location Latitude: 41° 04' 39" N
Longitude: 85° 05' 52" W

Treatment Plant Location Latitude: 41° 04' 50" N
Longitude: 85° 05' 59" W

NPDES Permit No. IN0032191

Background

This is the modification of the NPDES permit for the City of Fort Wayne P.L. Brunner Water Pollution Control Plant. The facility's current permit was effective on March 1, 2021 and has an expiration date of February 28, 2026. A request for permit modification was received from the permittee on August 9, 2021. The permittee requests a permit modification to reflect the change in facility design flow. The facility recently received a capacity rating modification from 60 MGD to 74 MGD based on a December 2, 2020 letter from IDEM. A September 9, 2020 IDEM Wasteload Allocation Analysis (WLA) determined limits for CBOD5, dissolved oxygen, and ammonia-nitrogen for the design rating of 74 MGD.

The permit was put on public notice from October 7, 2021 through November 8, 2021. IDEM was contacted by Fort Wayne during the comment period with concerns about the ammonia-nitrogen limits of 1.1/1.0 mg/l for summer/winter and to request an additional 30 days to review the permit. IDEM conducted a WLA on October 19, 2021 which used a mixed downstream pH in the determination of ammonia-nitrogen limits. The limits calculated were 1.0 mg/l for summer and 1.6 mg/l for winter and these limits are being applied in this second public notice for the permit. A subsequent comment from Fort Wayne, received via email on December 2, 2021, requested revising the structure ID number for CSO outfalls 004, 007, 044, 060, and 064 to match the permittees GIS system. These revisions were also incorporated into this second public notice for the permit.

Modification

The following changes have been made for the modification of the NPDES permit:

Page 1 of 61	This page has been modified to reflect the modification effective date for the permit.
Page 2 of 61	This page has been modified so that the Facility Description reflects the revised 74 MGD plant design flow.
Page 3 of 61	Part I.A.1 of the permit has been modified so that the winter ammonia concentration limits in Table 1 are based on a revised plant design flow of 74 MGD plant as calculated in the October 19, 2021 WLA. The loadings are still based on the peak flow of 100 MGD.

Page 7 of 61	Part I.A.3, Table 4 of the permit has been modified so that the mercury loading limits are based on a plant design flow of 74 MGD. The concentration limits remain the same as those in the permit issued on March 1, 2021 permit.
Page 42 of 61	Part II.C.14.c has been modified to indicate that the permittee's hauled waste protocol (Attachment 1 in the renewal permit Fact Sheet) satisfies all the requirements in Parts II.C.13 and 14 of the permit.
Page 50-53 of 61	Attachment A of the permit has been modified to remove CSO outfalls 019 and 053. These outfalls have been converted to stormwater only outfalls. The City of Fort Wayne provided the necessary documentation for the removal of these outfalls from the list of CSOs in the collection system. In addition, the structure ID number for CSO outfalls 004, 007, 044, 060, and 064 have been updated to match the permittees GIS system.

Expiration Date

The expiration date of the permit has not changed. The permit, as modified, will expire at midnight on February 28, 2026.